

DIVISION OF RADIOLOGICAL HEALTH AND SAFETY REGULATIONS P.O. Box 2448 • Room 730 Richmond, VA 23218 (804) 864-8150

Dental Intraoral Radiographic Systems

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RH-F-23 (8/07)

	FACILI	ITY ID N	O.	TUBE REGISTRATION NO: MAKE	
FACILITY					
ACII	NAME			PURPOSE	
E	NAME			MODEL MODEL	
Œ	NAME SIGNATURE MODEL SERIAL NO.				
CTC	SIGNA	TURE		SERIAL NO.	
PE	SIGNATURE SIGNATURE DATE DATE MAX. kVp MAX. kVp				
Ž	DATE			MAX. kVp MAX. mA ROOM NO.	
OK	N/A	N/S	S	EVALUATION CRITERIA	
				1. Warning label is not present (12 VAC 5-481-1600-1). NON-SERIOUS.	
				2. HVL at kVp ismm A1. Minimum ismm A1 (12 VAC 5-481-1600-5). Deficiency of ≤ 0.2mm NON-SERIOUS, deficiency of > 0.2mm SERIOUS.	
				3. Multiple tubes are controlled from one control panel, but indication of the selected tube is not present at both the panel and the selected tube (12 VAC 5-481-1600-6). One missing, NON-SERIOUS, both missing, SERIOUS.	
				4. Tubehead does not remain stationary in the exposure position (12 VAC 5-481-1600-7). SERIOUS.	
				5. Diameter of X-ray field iscm. Maximum allowable is: 7cm with SSD ≥ 18cm, 6cm with SSD < 18cm (12 VAC 5-481-1630 B). Excess of < 1cm, NON-SERIOUS , excess of ≥ 1cm, SERIOUS .	
				6. Radiographic control does not require constant operator pressure or does not terminate the exposure properly (12 VAC 5-481-1630 C3). SERIOUS.	
				7. Exposure reproducibility: coefficient of variation% at a technique setting of (12 VAC 5-481-1630 D). > 10% to < 15% NON-SERIOUS, ≥ 15% SERIOUS.	
				8. Timer reproducibility: coefficient of variation% at a technique setting of (12 VAC 5-481-1630 D). > 10% to < 15% NON-SERIOUS, ≥ 15% SERIOUS.	
				9. Radiographic control switch not permanently located in an appropriate protected area or on a stretch cord of sufficient length as required (12 VAC 5-481-1630 C5). SERIOUS.	
				10. Radiographic control not equipped with both visual and audible indication of X-ray production (12 VAC 5-481-1630 C2). NON-SERIOUS.	
				11. Unit not equipped with an open ended shielded position indicating device (12 VAC 5-481-1630 B). NON-SERIOUS.	
				12. kVp accuracy \pm % of indicated kVp at kVp (12 VAC 5-481-1630 F). > 10% to < 15% NON-SERIOUS	
				13. Timer accuracy \pm % of indicated msec/pulse at msec/pulse (12 VAC 5-481-1630 F). > 10% to < 15% NON-SERIOUS, \geq 15% SERIOUS.	
				14. Exposure data: Projection: technique factors: kVp mA msec/pulse inches/cm SID. Exposure results: mR. (12 VAC 5-481-1590-9b).	
				15. Type of Imaging System: Film Speed, Digital, CR, Other	
				16. Other/Remarks:	
708019-					